

REMARKS

Reconsideration of this application as amended is respectfully requested.

In the Office Action, claims 1, 3-8, 11-16, 18-22 and 28-36 were pending. Claims 1, 3-6, 8, 11-13, 15, 16, 18-20 and 22-31 were rejected. Claims 7, 14, 21 and 32-36 are objected to, but would be allowable if rewritten in independent forms.

In this response, claims 4-5, 11-12, and 18-19 have been canceled without prejudice. Claims 1, 3, 6-8, 13-15, 20-21, and 29-32 have been amended. Applicant acknowledges with appreciation the allowance of claims 7, 14, 21, and 32-36. However, at this time, Applicant elects not to place the limitations of the allowed claims into their corresponding independent claims because Applicant respectfully believes that the revised independent claims are in condition for allowance. A portion of the specification has been amended. No new matter has been added.

A portion of the specification was objected. In view of the foregoing amendments, it is respectfully submitted the objection has been overcome.

Claims 7, 14, 21 and 32-36 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 7, 14, 21, and 32 have been amended to be independent claims including substantially all limitations of their respective base and intervening claims. Thus, claims 7, 14, 21, and 32-36 are allowable.

Claims 1, 3, 8, 15, 16, 22 and 28-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stracovsky et al., U.S. Patent No. 6,216,178 ("Stracovsky") in view of Shatil et al., U.S. Patent No. 6,278,840 ("Shatil"). Claims 4-6, 11-13 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stracovsky et al., U.S. Patent No.

6,216,178 (“Stracovsky”) in view of Shatil et al., U.S. Patent No. 6,278,840 (“Shatil”) and further in view of Ayukawa et al., U.S. Patent No. 6,381,671 (“Ayukawa”).

In view of the foregoing amendments, it is respectfully submitted that the currently pending claims include limitations that are not disclosed or suggested by the cited references, individually or in combination.

Specifically, for example, independent claim 1 includes limitations that a single command having multiple segments to be transmitted in multiple transfer period, including at least one of memory module destination, cache way, address strobe state, cache hit, and memory bank information, where the cache hit and cache way information is transmitted during the last transfer period of the multiple transfer period. It is respectfully submitted that the above limitations are absent from the cited references, individually or in combination.

Although Stracovsky discloses a command sequencer. Stracovsky still fails to disclose that the single command is transmitted during multiple transfer periods (between a memory controller and a memory module), where the cache hit and cache way information is transmitted during the last transfer period. It is respectfully submitted that the rest of the cited references also fail to disclose or suggest the limitations set forth above, individually or in combination.

In addition, there is no disclosure or suggestion within the cited references to combine with each other. Even if they were combined, such a combination still lacks the limitations set forth above. Therefore, for the reasons discussed above, it is respectfully submitted that independent claim 1 is patentable over the cited references.

Similarly, independent claims 8 and 15 include limitations similar to those recited in claim 1. Thus, for the reasons similar to those discussed above, independent claims 8 and 15 are patentable over the cited references.

Given that the rest of the claims depend from one of the above independent claims, at least for the reasons similar to those discussed above, it is respectfully submitted that the rest of the claims are patentable over the cited references.


In view of the foregoing, Applicant respectfully submits the present application is now in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call the undersigned attorney at (408) 720-8300.

Please charge Deposit Account No. 02-2666 for any shortage of fees in connection with this response.

Respectfully submitted,

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